

Abstract**Novel poly(vinyl ester) copolymers and poly(vinyl alcohol) copolymers and the use thereof**

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The present invention relates to novel polymers, which are based on poly(vinyl ester) copolymers and poly(vinyl alcohol) copolymers having excellent thermal properties because of their special composition and to the use of said polymers.

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The poly(vinyl alcohol-polyalkene) copolymers and polymer mixtures obtained in this way are characterized by a strongly modified melting behavior compared to linear poly(vinyl alcohols).